1:3 Differential Video Line Amplifier 123V

The Kramer 123V is a high performance differential video line amplifier designed for production and broadcast studios, retail stores, professional display systems, and other demanding applications. The 123V splits a single input source into three identical outputs while almost completely isolating the input from the outputs. The 123V uses special differential amplifying circuitry, eliminating noise and hum problems commonly found in long video lines. Recessed gain and equalization controls allow the user to compensate for signal loss inherent in long cable runs. A 12V power supply is included but the optional VA-50P can power up to six Kramer devices requiring 12VDC.

The 123V is part of the Kramer TOOLS family of compact, high quality, and cost effective solutions for a variety of applications.

TECHNICAL SPECIFICATIONS

INPUT:	1 video, differential, 1 Vpp / 75 on a BNC connector.
OUTPUTS:	3 video, 1 Vpp / 75 on BNCs.
VIDEO BANDWIDTH:	55 MHz. -3 dB.
COUPLING:	AC.
DIFF. GAIN:	0.25%.
DIFF. PHASE:	0.35 Deg.
S/N RATIO:	76 dB.
K-FACTOR:	<0.05%.
MAX. VIDEO OUTPUT:	2 Vpp.
POWER SOURCE:	12 VDC, 30mA.
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98"), W, D, H.
WEIGHT:	0.3 kg (approx.), (0.66 lbs.).
ACCESSORIES:	Power supply, mounting bracket.
OPTIONS:	19" rack adapters RK-T1, RK-T3 (see pages 6.24, 6.25 for details).

TYPICAL APPLICATIONS

- Any professional display system requiring long distance delivery of high quality video.
- CCTV, medical, and sports applications.
- In retail showrooms, delivering an identical picture to up to three distant monitors.